

## Free Class Registration

Space is limited. Walk-ins will be welcome, but refreshments will be ordered based on the number of registered participants. **Please register by November 4, 2002.**

### Registration by mail or fax

To register by mail, simply complete this form. Be sure to note the date, location and time of the seminar you've chosen on your service calendar.

Please complete one form for each person planning to attend (photocopies of the form are acceptable).

I will attend (please check date and location):

\_\_\_ Monday, November 11 - ☐ Kahului ☐ Kona

\_\_\_ Tuesday, November 12 - ☐ Hilo ☐ Lihue

\_\_\_ Wednesday, November 13 - ☐ Honolulu

*Please Print*

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Daytime Phone \_\_\_\_\_

E-mail \_\_\_\_\_

**Fax to:** (808) 587-3820

**Or mail to:**

DBEDT - Energy Office

P. O. Box 2359

Honolulu, Hawaii 96804

### Registration by phone

If you would prefer to register by phone, please call 587-3817 (on Oahu) or toll-free from the neighbor islands using the phone numbers given on the other side of this form. Please be prepared to provide all the information listed above.

**Please register by November 4, 2002.**

## Another Date of Interest...

**November 14, 2002**

**8:00 a.m. to 4:30 p.m.**

**Ala Moana Hotel, Honolulu, Hawaii  
410 Atkinson Drive, Honolulu, HI 96814**

### FUEL ETHANOL WORKSHOP

Fuel ethanol production in America has reached historic levels. In some states, fuel ethanol production supports rural economies. In others, fuel ethanol reduces air pollution. All across the U.S., it reduces dependence on imported oil and provides consumers with energy diversification and added fuel choice. Could Hawaii tap its own resources to produce some of its own transportation fuel? What would be involved? What would be the costs and benefits? The workshop will address technical as well as policy issues, including:

- Fuel cost and vehicle performance
- Environmental issues
- Fuel distribution & infrastructure
- Incentives
- Hawaii's ethanol content requirement law
- Emerging markets for ethanol

**Workshop fee: \$20 (includes meals and materials)**

**The agenda, registration form and additional details are posted at [www.bbiethanol.com/doe](http://www.bbiethanol.com/doe)**

*Or contact:*

Anne Wester, BBI International, Workshop Coordinators  
1-800-567-6411 / e-mail: [anne@bbiethanol.com](mailto:anne@bbiethanol.com)

#### SPONSORED BY:

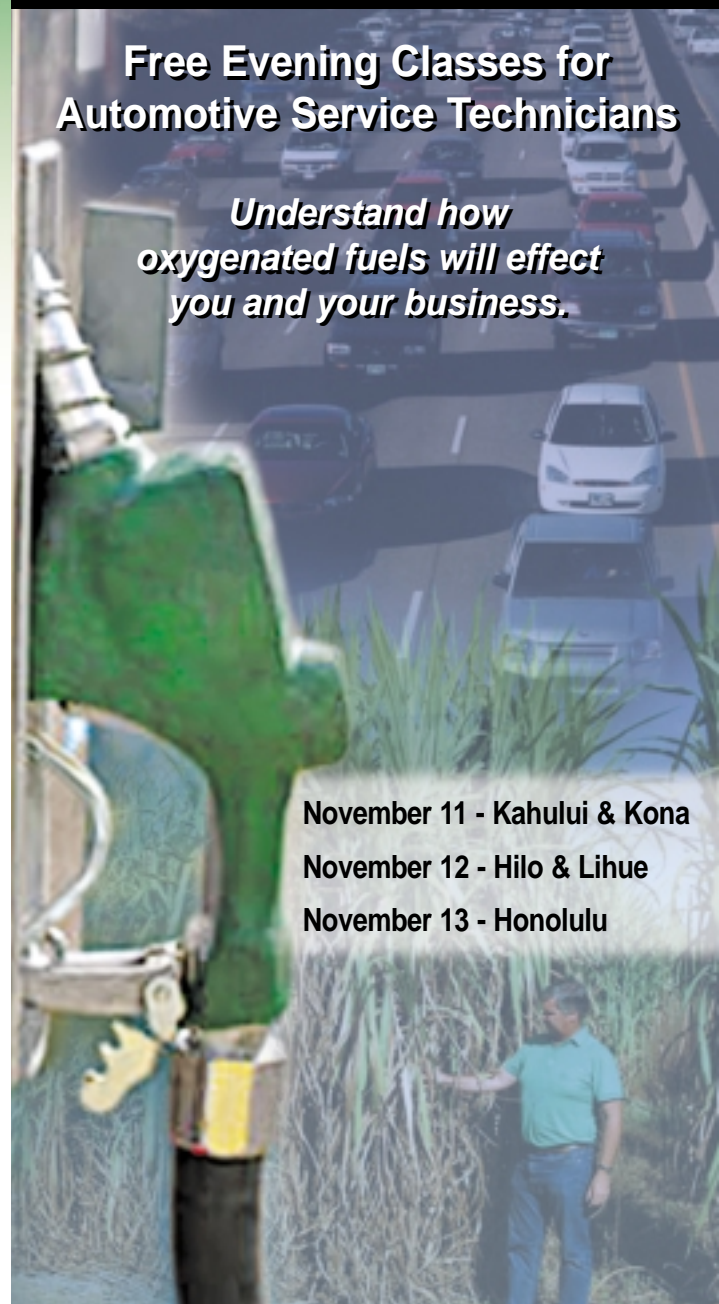
U.S. Department of Energy, Office of Fuels Development  
Pacific Regional Biomass Energy Program  
City and County of Honolulu  
Hawaii Department of Agriculture  
Hawaii Department of Business, Economic Development & Tourism  
Hawaii Department of Health  
Hawaii Natural Energy Institute  
JN Automotive Group  
Honolulu Clean Cities

# Fuel Ethanol:

Coming Soon to a Car Near You

## Free Evening Classes for Automotive Service Technicians

*Understand how  
oxygenated fuels will effect  
you and your business.*



**November 11 - Kahului & Kona**

**November 12 - Hilo & Lihue**

**November 13 - Honolulu**

*Sponsored by Hawaii Community College,  
Honolulu Community College, Kauai Community College,  
Maui Community College, and the Hawaii State Department  
of Business, Economic Development & Tourism.*

## Classes will cover:

- Fuel specifications
- How changes in gasoline composition affect vehicle performance
- Fuel system materials compatibility
- Auto manufacturer's warranties
- Alternative fuels and vehicles
- Oxygenated fuels in non-automotive applications

**REGISTER TODAY!**

These classes are packed with important information for the automobile service technician. Be better informed than your customers about ethanol as a fuel additive.

Gasoline in Hawaii will soon contain fuel ethanol. A basic understanding of the composition of gasoline and the properties of this and other additives is necessary for proper diagnostics. The consumer will call upon the auto service technician for information on how ethanol may effect their vehicle performance.

### Be sure you have the answers!

Auto Service Technicians, Interested Public, and Gasoline Marketers are invited to attend any of these free classes.

**All free class times are 6:00-8:30 p.m.**

## AGENDA

Registration/Refreshments . . . . .	6:00 - 6:30
First Session . . . . .	6:30 - 7:15
Q&A . . . . .	7:15 - 7:30
Break . . . . .	7:30 - 7:45
Second Session . . . . .	7:45 - 8:15
Q&A . . . . .	8:15 - 8:30



**Choose from these free class dates and locations:**

**Monday, November 11, 2002** (Veterans' Day)

**Hawaii (Kona)**  
Hawaii Community College  
Business and Technology Training Institute  
75-5660 Kopiko Street, Unit A-2, Kopiko Plaza  
(same shopping center as "Kona Mix Plate")  
Questions? Call 974-4000, extension 7-3817

**Maui (Kahului)**  
Maui Community College, Room 205  
310 Kaahumanu Highway  
Questions? Call 984-2400, extension 7-3817

**Tuesday, November 12, 2002**

**Hawaii (Hilo)**  
Hawaii Community College, Manono Campus  
200 W. Kawili St., Building 388, Room 102  
Questions? Call 974-4000, extension 7-3817

**Kauai (Lihue)**  
Kauai Community College, Room 101A  
3-1901 Kaumualii Highway  
Questions? Call 274-3141, extension 7-3817

**Wednesday, November 13, 2002**

**Oahu (Honolulu)**  
Honolulu Community College, Cafeteria  
874 Dillingham Boulevard  
Questions? Call 587-3817

## Your Class Leaders:

**Larry Johnson**  
**Business Development Manager;**  
**Delta-T Corporation**

Larry Johnson was the "Ethanol Answerman" in Minnesota from 1986 to 1996. While there, he helped consumers and mechanics to gain confidence in the use of ethanol blended fuels.

He has authored more than 50 papers and articles, and has produced an educational video on the performance of ethanol in various types of engines. He has presented at dozens of national conferences and workshops on various topics about the fuel ethanol industry.

**Joe Collette**  
**Automotive Technician - ASE certified;**  
**Bob's Auto Repair**

- GM ASEP (automotive service excellence program) graduate
- ASE certified in all areas except transmission
- Involved in automotive since 1992
- Worked for Indian Motorcycle for 2 years – certified Indian Motorcycle mechanic (Harley Davidson, Vtwin)
- Mechanic on board USS Michigan as machinist mate on hydraulics, pneumatics, atmosphere control
- Has been racing motorcycles since 1995, racing with fuel ethanol since 1999

*Larry Johnson will be the instructor for classes in Kahului and Lihue; Joe Collette will be the instructor for classes in Kona and Hilo; both instructors will teach the Honolulu class.*